

CLAIMS

1. A coating composition for forming a transparent, abrasion-resistant coating upon a substrate, comprising the hydrolysis product of an epoxy-functional alkoxy silane and a curing agent therefor, an ethylenically unsaturated monomer, and a viscosity-reducing amount up to 50 % by weight, solids basis, of an unhydrolyzed epoxy-functional alkoxy silane.

2. The coating composition of claim 1 wherein said ethylenically unsaturated monomer comprises an acrylic monomer.

3. The coating composition of claim 2 wherein said acrylic monomer has an acrylic functionality not greater than two.

4. The coating composition of claim 1 including an essentially non-reactive polyether surfactant in sufficient quantity to improve tintability of a cured coating formed from said composition.

5. The coating composition of claim 4 wherein said polyether surfactant is a siloxane.

6. The coating composition of claim 4 wherein said polyether surfactant is a

polyalkyleneoxide siloxane.

7. The coating composition of claim 4 wherein said polyether surfactant is an alkoxy

polyethylene oxyalkanol.

8. The coating composition of any one of claims 4 - 6 in which the surfactant is at least partially water soluble.

9. The coating composition of any one of claims 4 - 6 in which the surfactant is insoluble in water.

10. A coating composition for forming a transparent, abrasion resistant coating upon a substrate, comprising the hydrolysis product of an epoxy-functional alkoxy silane, a curing agent

therefor, and an ethylenically unsaturated monomer, the composition including a non-reactive polyether surfactant in sufficient quantity to improve tintability of a cured coating formed from said coating composition.

11. The coating composition of claim 10 wherein said composition is substantially free of

5 vinyl ethers and non-silane epoxy monomers.

12. The coating composition of claim 10 wherein said polyether surfactant is a silicone.

13. The coating composition of claim 10 wherein said polyether surfactant is a polyalkyleneoxide siloxane.

14. The coating composition of claim 10 wherein said polyether surfactant is an alkoxy polyethylene oxyalkanol.

15. The coating composition of any one of claims 10 - 12 in which the surfactant is at least partially water soluble.

16. The coating composition of any one of claims 10 - 12 in which the surfactant is insoluble in water.

17. The coating composition of claim 10 wherein said ethylenically unsaturated monomer comprises an acrylic monomer.

18. The coating composition of claim 16 wherein said acrylic monomer has an acrylic functionality not greater than two.